Pankaja-Lakshmi Biogas Project

1325. SHRIMATI USHA MALHOTRA:

SHRI P. N. SUKUL:

DR. LOKESH CHANDRA:

Will the Minister of ENERGY be pleased to state:

(a) whether it is a fact that the Pankaja-Lakshmi project at Bangalore generates 7,50,000 cft of biogas daily; and

(b) if so, whether Government propose to install similar sewage treatment plants in other metropolitan towns also?

THE MINISTER OF ENERGY (SHRI SHIV SHANKAR): (a) The Pankaja-Lakshmi Project relates to recovery of the sewage gas from the sewage treatment plants in Bangalore. At present two sewage treatment plants in Bangalore produce about 5,00,000 cft of biogas daily. A third Sewage Treatment plant is expected to produce about 1,00,000 cft of biogas daily.

Under the Pankaja-Lakshmi Project, the main components of the sewage gas, methane and carbon dioxide are proposed to be separated; the methane so recovered is proposed to be bottled into bulk capacity cylinders for use as replacement feul in industries while the carbon dioxide would be used for various industrial applications.

(b) Biogas producing sewage treatment plants have been installed in certain towns and it is proposed to install such plants in some other towns also. The sewage gas from such plants will be utilised in the manner best suited to the specific site.

Setting up of Micro-Hydel Units

1326. SHRIMATI USHA MALHOTRA:

SHRI P. N. SUKUL:

DR. LOKESH CHANDRA:

Will the Minister of ENERGY be pleased to state:

(a) what is the number of micro-hydel units commissioned in the hill region of Uttar Pradesh by 31st March, 1984; and

(b) what was the installed capacity and actual generation of each of these units in the year 1983-84?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI ARIF MOHD. KHAN): (a) and (b) Details of the 16 micro|small hydel schemes in operation in the hill region of Uttar Pradesh are given in the Statement enclosed. *(See below)*

Statement

Sl. No.	Name of the State/ Station	District	Aggregate Capacity No. X (KW)
1	2	3	4
1	Gangotri (U. Kashi)	Uttarkashi;	3×200=600
2	Bhatwari	Do.	2×25=50
3	Koti	Do.	2×100=200
4	Chamoli	Chamoli	3×200=600
5	Guptha Kashi	Do.	2×100=200
6	Badri Nath	Do.	1×30=30
7	Pandukeshwar	Do.	3×250=750
8	Tilwara	Tehri Garhwal	2×100=200